



Kentucky Agricultural Statistics Service
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KENTUCKY WEEKLY CROP & WEATHER REPORT



Prepared in Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

LELAND E. BROWN, State Statistician

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RPT 11-02

AGRICULTURAL NEWS: Warmer weather at the end of the week spurred plant growth, but many fields remain too wet to work. Corn and soybean seeding were running more than two weeks behind schedule. Dry weather is needed to make up for weather related delays. Days suitable for fieldwork averaged 4.8 out of a possible seven. A few fields damaged by floods and storms will need to be replanted. Major farm activities included planting corn and soybeans and setting tobacco. **Topsoil moisture** as of Friday, May 31 was rated 4 percent short, 69 percent adequate and 27 percent surplus. **Subsoil moisture** was rated 4 percent short, 72 percent adequate and 24 percent surplus.

CORN: Corn planting progressed to 78 percent completed by Sunday, June 2. Normally, very little corn remain to be planted at the beginning of June. About 64 percent of the planted acreage had emerged, compared with 99 percent a year ago, and the average of 89 percent. Emerged corn was in fair to good condition, with 2 percent very poor, 10 percent poor, 26 percent fair, 48 percent good and 14 percent excellent. Height of the most advanced fields averaged 20 inches statewide, while average height of emerged corn was 13 inches. The mild winter has increased the chances of problems with insects and a wet spring has reduced the effectiveness of insect and weed control measures.

SOYBEANS: Soybean planting progress was slow as producers planted corn and set tobacco when possible. As of Sunday, June 2, about 24 percent of the crop had been seeded compared with 75 percent a year ago, and the average of 54 percent. Only 14 percent of planted acreage had emerged, well behind last years 70 percent and the

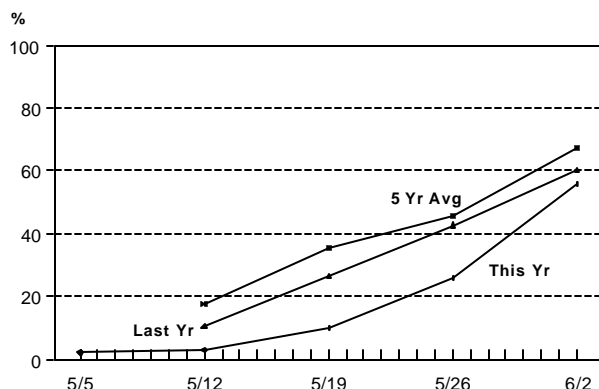
average of 39. Condition of emerged soybeans was rated 2 percent poor, 30 percent fair, 64 percent good, and 4 percent excellent.

TOBACCO: As of Sunday, June 2, 56 percent of the intended **burley** acreage had been set compared with 67 percent a year ago and the average of 60 percent. **Dark tobacco** acreage was 43 percent set, compared with 74 percent last year and the average of 63. Excessive rain and a few cases of frost damage will require some tobacco to be reset. About 92 percent of set tobacco was under 12 inches high, with 8 percent over 12 inches in height. Disease and pest problems seem to be minor except in a few areas. Condition of set tobacco was reported as 2 percent very poor, 10 percent poor, 28 percent fair, 52 percent good, and 8 percent excellent.

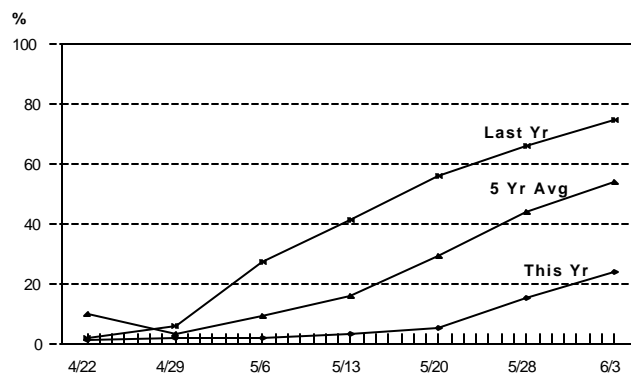
SMALL GRAINS: **Barley** harvest was 12 percent complete by Sunday, June 2, compared with 17 percent last year and the average of 19 percent. **Wheat** harvest was just beginning in southern Kentucky. Water damage had been reported in a few areas, along with some concern that head scab may affect yields. A few acres had been cut for hay. As of Friday, May 31, wheat condition was reported as 2 percent very poor, 12 percent poor, 29 percent fair, 42 percent good and 15 percent excellent.

OTHER CROPS: **Hay** harvest made slow progress, as curing conditions were less than ideal. A few producers reported a good crop, but many have concerns with quality. **Pastures** were in good to excellent condition and were rated 1 percent very poor, 2 percent poor, 14 percent fair, 58 percent good and 25 percent excellent. A little **grain sorghum** was planted during the week with 18 percent of intended acres planted.

BURLEY TOBACCO SET PROGRESS



SOYBEAN PLANTING PROGRESS



KENTUCKY CROP PROGRESS
WEEK ENDING JUNE 2, 2002
WITH COMPARISONS

| Crop Stage | This Week | Previous Year | 5-Yr. Avg. | Previous Week KY | U.S. |
|--------------------|-----------|---------------|------------|------------------|------|
| Percentage | | | | | |
| Corn | | | | | |
| Planted | 78 | 100 | 95 | 70 | 83 |
| Emerged | 64 | 99 | 89 | 59 | 53 |
| Soybeans | | | | | |
| Planted | 24 | 75 | 54 | 15 | 51 |
| Emerged | 14 | 70 | 39 | 7 | 15 |
| Sorghum Planted | 18 | 77 | 51 | 16 | 45 |
| Burley Tobacco Set | 56 | 67 | 60 | 31 | NA |
| Dark Tobacco Set | 43 | 74 | 63 | 27 | NA |

(NA) Data Not Available.

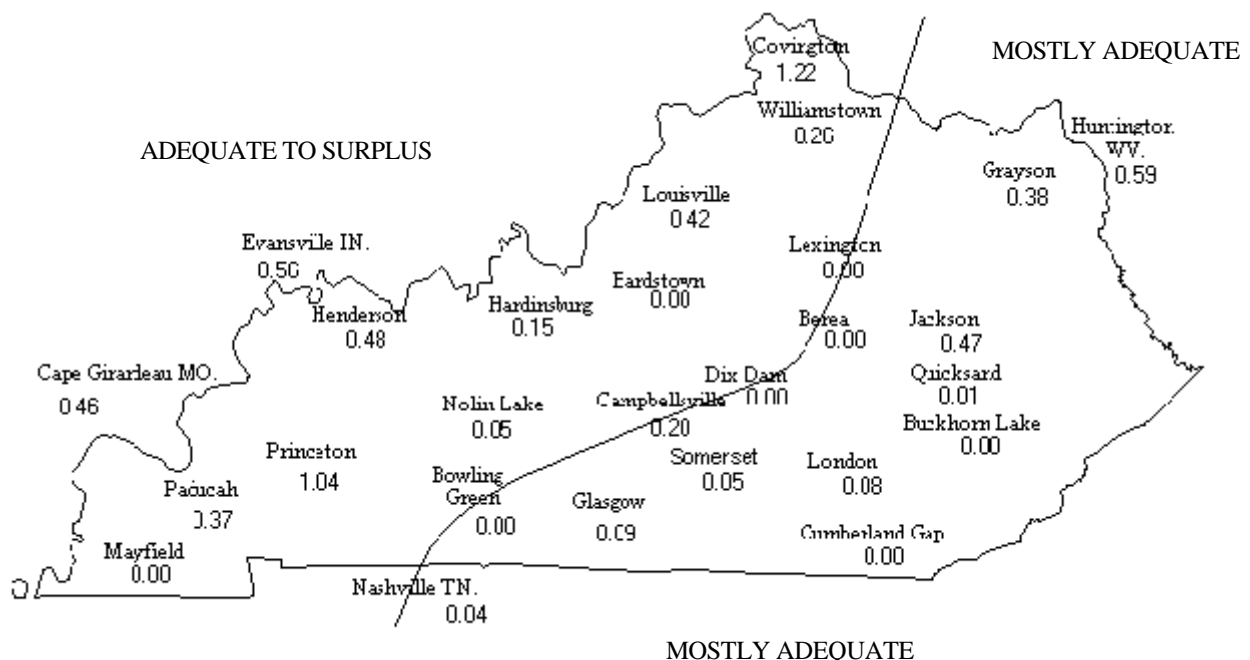
SOIL MOISTURE
WEEK ENDING MAY 31, 2002
WITH COMPARISONS

| | This Week | Previous Week |
|----------------|-----------|---------------|
| Percentage | | |
| TOPSOIL | | |
| Very Short | 0 | 0 |
| Short | 4 | 2 |
| Adequate | 69 | 59 |
| Surplus | 27 | 39 |
| SUBSOIL | | |
| Very Short | 0 | 0 |
| Short | 4 | 2 |
| Adequate | 72 | 57 |
| Surplus | 24 | 41 |

KENTUCKY CROP CONDITIONS (Percent)

| CROP | WEEK ENDING MAY 31, 2002 | | | | | WEEK ENDING MAY 24, 2002 | | | | |
|-------------|--------------------------|------|------|------|----------------|--------------------------|------|------|------|----------------|
| | VERY POOR | POOR | FAIR | GOOD | EXCEL- LENT | VERY POOR | POOR | FAIR | GOOD | EXCEL- LENT |
| Corn | 2 | 10 | 26 | 48 | 14 | 2 | 11 | 27 | 45 | 15 |
| Soybeans | 0 | 2 | 30 | 64 | 4 | 2 | 4 | 26 | 58 | 10 |
| Wheat | 2 | 12 | 29 | 42 | 15 | 1 | 9 | 27 | 45 | 18 |
| Pasture | 1 | 2 | 14 | 58 | 25 | 1 | 2 | 17 | 54 | 26 |
| Tobacco Set | 2 | 10 | 28 | 52 | 8 | 2 | 11 | 40 | 40 | 7 |

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, JUNE 2, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, MAY 31, 2002



KENTUCKY WEATHER SUMMARY, MAY 27 - JUNE 2, 2002:

ABOVE NORMAL TEMPERATURES AND BELOW NORMAL RAINFALL:

Unseasonably warm temperatures and dry conditions dominated the Bluegrass weather picture last week as temperatures soared into the 80's and low 90's and the second week straight with limited rainfall.

Temperatures for the period averaged 74 degrees across the State which was 4 degrees ABOVE normal and 15 degrees warmer than the previous week. High temperatures averaged from 86 in the West to 84 in the East. Departure from normal high temperatures ranged from 1 degree ABOVE normal in the West to 4 degrees ABOVE normal in the East. Low temperatures averaged from 65 degrees in the West to 62 degrees in the East. Departure from normal low temperature ranged from 5 degrees ABOVE normal in the West to 3 degrees ABOVE normal in the East. Extreme high temperatures were in the low 90's and extreme low temperatures were in the mid 50's.

Rainfall for the period totaled 0.27 inches statewide which was 0.75 inches BELOW normal. Rainfall totals by climate division, West 0.48 inches, Central 0.12 inches, Bluegrass 0.26 inches and East 0.20 inches, which was 0.55, 0.94, 0.72 and 0.78 inches respectively BELOW normal. By station, rainfall totals ranged from a low of 0.00 inches at Bardstown to a high of 1.22 inches at Covington.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, JUNE 2, 7:00 P.M.

| Weather Station | Rainfall | | | Deviation From | | Air Temperature | | | | Growing Degree Days | | |
|-----------------|-----------|---------------|---------------|----------------------|-----------------|-----------------|-----|------------|----------------|---------------------|--------------|-------------------|
| | Last Week | Since April 1 | Last Four Wks | Norm Since Apr. 1 | Norm Last 4 Wks | High | Low | Wkly. Avg. | Dev. From Norm | Last Week | Since Apr. 1 | Dev. Since Apr. 1 |
| | (Inches) | | | (Degrees Fahrenheit) | | | | | | | | |
| Bardstown | 0.00 | 14.37 | 4.55 | +5.78 | +0.56 | 89 | 58 | 74.2 | +4 | 163 | 874 | +65 |
| Berea | 0.00 | 13.96 | 6.82 | +4.63 | +2.52 | 89 | 54 | 73.4 | +4 | 157 | 916 | +76 |
| Bowling Green | 0.00 | 12.86 | 4.42 | +3.32 | -0.00 | 91 | 57 | 74.6 | +4 | 165 | 900 | +58 |
| Bristol | 0.25 | 3.51 | 1.99 | -3.93 | -1.52 | 89 | 54 | 71.4 | +2 | 145 | 863 | +117 |
| Buckhorn Lake | 0.00 | 8.15 | 3.15 | +0.01 | -0.57 | 91 | 59 | 73.6 | +4 | 161 | 828 | +86 |
| Cape Girardeau | 0.46 | 19.27 | 12.37 | +9.42 | +7.79 | 92 | 62 | 75.1 | +3 | 168 | 931 | +56 |
| Campbellsville | 0.20 | 11.33 | 4.83 | +1.12 | +0.20 | 89 | 58 | 74.3 | +4 | 164 | 936 | +98 |
| Covington | 1.22 | 14.06 | 7.80 | +5.77 | +3.95 | 86 | 59 | 72.6 | +3 | 157 | 706 | -8 |
| Cumberland Gap | 0.00 | 5.61 | 2.31 | -3.56 | -2.01 | 89 | 55 | 73.5 | +4 | 158 | 879 | +135 |
| Dix Dam | 0.00 | 13.13 | 5.59 | +3.93 | +1.37 | 91 | 60 | 74.2 | +5 | 164 | 859 | +50 |
| Evansville | 0.56 | 15.43 | 6.56 | +6.43 | +2.34 | 91 | 60 | 75.2 | +3 | 169 | 864 | +52 |
| Glasgow | 0.09 | 9.83 | 4.89 | -0.09 | +0.34 | 92 | 58 | 76.4 | +6 | 174 | 1016 | +236 |
| Grayson | 0.38 | 9.95 | 3.84 | +1.80 | +0.01 | 89 | 57 | 74.3 | +5 | 164 | 803 | +122 |
| Hardinsburg | 0.15 | 13.34 | 4.83 | +3.91 | +0.49 | 89 | 58 | 74.2 | +4 | 163 | 867 | +25 |
| Henderson | 0.48 | 17.13 | 7.75 | +8.07 | +3.68 | 90 | 60 | 75.1 | +3 | 169 | 918 | +76 |
| Huntington | 0.59 | 10.07 | 3.82 | +1.96 | +0.00 | 87 | 56 | 73.0 | +4 | 158 | 810 | +66 |
| Jackson | 0.47 | 9.70 | 4.03 | +0.87 | +0.02 | 85 | 59 | 74.1 | +5 | 167 | 841 | +99 |
| Lexington | 0.08 | 9.22 | 3.44 | +0.63 | -0.55 | 89 | 59 | 74.1 | +5 | 165 | 787 | +71 |
| London | 0.08 | 7.66 | 2.78 | -0.76 | -1.03 | 87 | 55 | 72.8 | +4 | 157 | 817 | +73 |
| Louisville | 0.42 | 13.47 | 6.44 | +4.39 | +2.33 | 90 | 60 | 75.4 | +5 | 174 | 849 | +37 |
| Mayfield | 0.00 | 12.04 | 5.64 | +1.76 | +1.21 | 89 | 62 | 75.0 | +3 | 170 | 872 | -31 |
| Nashville | 0.04 | 8.25 | 3.28 | -1.24 | -1.05 | 90 | 60 | 75.4 | +5 | 172 | 985 | +80 |
| Nolin Lake | 0.05 | 12.78 | 4.67 | +2.51 | -0.19 | 91 | 57 | 74.1 | +4 | 163 | 877 | +72 |
| Paducah | 0.37 | 16.08 | 7.87 | +5.86 | +3.46 | 92 | 62 | 75.6 | +3 | 173 | 950 | +75 |
| Princeton | 1.04 | 14.76 | 7.56 | +4.74 | +3.14 | 91 | 61 | 74.9 | +3 | 168 | 1027 | +155 |
| Quicksand | 0.01 | 8.96 | 3.46 | +0.13 | -0.55 | 89 | 59 | 74.5 | +5 | 165 | 830 | +88 |
| Somerset | 0.05 | 9.47 | 3.70 | -0.23 | -0.83 | 89 | 54 | 73.1 | +4 | 155 | 837 | +30 |
| Spindletop | 0.02 | 8.57 | 3.03 | -0.02 | -0.96 | 86 | 59 | 73.2 | +4 | 160 | 764 | +48 |
| Williamstown | 0.26 | 10.41 | 5.03 | +1.60 | +1.08 | 87 | 59 | 73.9 | +5 | 165 | 839 | +123 |

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: tpriddy@ca.uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

Crop Progress and Condition

Week Ending May 26, 2002

Corn Percent Emerged

| Stat | May 2002 | Prev Week | Prev Year | 5-Yr Avg |
|--|-----------|-----------|-----------|-----------|
| CO | 59 | 35 | 74 | 69 |
| IL | 49 | 33 | 95 | NA |
| IN | 13 | 7 | 99 | NA |
| IA | 76 | 45 | 74 | 80 |
| KS | 82 | 68 | 94 | NA |
| KY | 59 | 47 | 96 | 79 |
| MI | 19 | 8 | 71 | 57 |
| MN | 47 | 13 | 55 | 74 |
| MO | 73 | 65 | 83 | NA |
| NE | 71 | 50 | 80 | 79 |
| NC | 99 | 95 | 98 | 94 |
| ND | 56 | 8 | 46 | 47 |
| OH | 20 | 10 | 95 | 75 |
| PA | 50 | 26 | 64 | NA |
| SD | 34 | 11 | 49 | NA |
| TN | 93 | 88 | 100 | NA |
| TX | 93 | 86 | 91 | 90 |
| WI | 24 | 13 | 42 | NA |
| ALL | 53 | 34 | 78 | NA |
| These 18 States planted 93% of last year's corn acreage. | | | | |

Soybeans Percent Planted

| Stat | May 2002 | Prev Wee | Prev Year | 5-Yr Avg. |
|---|-----------|----------|-----------|-----------|
| AR | 47 | 32 | 64 | 49 |
| IL | 22 | 10 | 85 | 76 |
| IN | 19 | 4 | 96 | 80 |
| IA | 84 | 54 | 58 | 76 |
| KS | 45 | 26 | 75 | 63 |
| KY | 15 | 5 | 66 | 44 |
| LA | 61 | 43 | 89 | 78 |
| MI | 42 | 23 | 73 | 58 |
| MN | 82 | 52 | 54 | 76 |
| MS | 87 | 72 | 94 | 83 |
| MO | 29 | 18 | 53 | 53 |
| NE | 72 | 45 | 71 | 74 |
| NC | 53 | 38 | 38 | 33 |
| ND | 72 | 35 | 46 | 55 |
| OH | 20 | 7 | 88 | 79 |
| SD | 69 | 29 | 46 | 56 |
| TN | 30 | 20 | 58 | 34 |
| WI | 62 | 28 | 39 | 65 |
| ALL | 51 | 30 | 68 | 69 |
| These 18 States planted 95% of last year's soybean acreage. | | | | |

Winter Wheat Percent Headed

| Stat | May 26 2002 | Prev Week | Prev Year | 5-Yr Avg |
|--|-------------|-----------|-----------|----------|
| AR | 100 | 100 | 100 | 100 |
| CA | 100 | 100 | 99 | 99 |
| CO | 58 | 34 | 45 | 58 |
| ID | 0 | 0 | 3 | 6 |
| IL | 89 | 78 | 95 | 91 |
| IN | 78 | 50 | 98 | 85 |
| KS | 94 | 79 | 96 | 96 |
| MI | 1 | 0 | 35 | 31 |
| MO | 94 | 85 | 95 | 89 |
| MT | 0 | 0 | 0 | 4 |
| NE | 36 | 17 | 50 | 46 |
| NC | 100 | 98 | 100 | 100 |
| OH | 41 | 15 | 89 | 71 |
| OK | 100 | 98 | 100 | 100 |
| OR | 33 | 28 | 25 | 29 |
| SD | 0 | 0 | 1 | 10 |
| TX | 96 | 91 | 97 | 95 |
| WA | 25 | 6 | 31 | 30 |
| ALL | 74 | 64 | 77 | 77 |
| These 18 States planted 90% of last year's winter wheat acreage. | | | | |

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